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G Bauer, H Kopetz, W Steiner - Proc. 6th Intl. Symp. on Autonomous Decentralized ..., 2003 - ttgroup.org

... C communications controllers must ensure that any frame transmission indicated to be correct by a correct **guardian** will be accepted by a correct **receiver node**. ...

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A Ademaj - Seventh Annual IEEE International Workshop on High ..., 2002 - doi.ieeecomputersociety.org

... frame send in the other redundant channel (this channel in protected by another bus **guardian**), will be received as a correct frame at the **receiver nodes**. ...

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... then discuss the requirements imposed on a **guardian** for TTP ... If a **node** receives a correct frame, it assumes ... are authentic and that sender and **receiver** agree on ...

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... 2 Lemma 2 (Bus **Guardian** to **Receiver** Validity) If a nonfaulty bus **guardian** passes a message, then it will be accepted by all nonfaulty **nodes**. ...

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H Kopetz - Proc. of The 6th International Symposium on ... - csdl.computer.org

... within the TTA judges a sending **node** as operational ... flow from a sender to a **receiver** via the ... replicated communication channels, each one with its own **guardian**. ...

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Modular formal analysis of the central guardian in the Time-Triggered Architecture- •psu.edu [PDF]

H Pfeifer, FW Von Henke - Reliability Engineering and System Safety, 2007 - Elsevier

... is equipped with its own local bus **guardian**, one for ... of all, we formalise what is expected from a correct **receiver**. If a **node** r is non-faulty, we assume that ...

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A Ademaj, H Sivencrona, G Bauer, J Torin - Proc. of International Conference on Dependable ..., 2003 - Citeseer

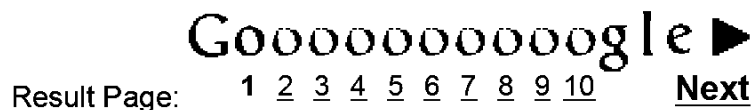
... Thus, a correct **receiver node** (which is synchronized to the **guardian** with precision Π) will accept any transmission that passes the **guardian**. ...

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... into a cluster as an integrating **node** (configuration, integration ... and the data rate
of the **receiver** can reach ... consumption of the proposed Bus **Guardian** is 3.22 mW ...
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